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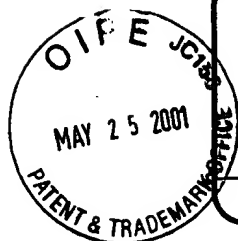
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Sheet	1	of	2
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Application Number	09/718,604
Filing Date	February 12, 2001
First Named Inventor	Sharp
Group Art Unit	2161
Examiner Name	Unknown
Attorney Docket Number	00664187

Technology Center 2100



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
✓		5,253,165		Leiseca	10-12-93	
✓		4,799,156		Shavit	01-17-89	
✓		6,064,981		Barni	05-16-00	
✓		5,835,716		Hunt	11-10-98	
✓		6,058,379		Odom	05-02-00	
✓		5,950,178		Borgato	09-07-99	
✓		6,101,482		DiAngelo	08-08-00	
✓		5,493,491		Calcerano	02-20-96	
✓		5,715,402		Popolo	02-03-98	
✓		5,794,207		Walker	05-11-98	
✓		5,835,896		Fisher	11-10-98	
✓		5,845,265		Woolston	12-01-98	
✓		5,897,620		Walker	04-27-99	
✓		5,905,975		Ausubel	05-18-99	
✓		5,966,699		Zandi	10-12-99	
✓		5,974,395		Bellini	10-26-00	
✓		5,995,950		Barns-Slavin	11-20-99	
✓		6,006,201		Berent	12-21-99	
✓		6,012,045		Barzilai	01-04-00	
✓		6,021,398		Ausubel	02-01-00	

[illegible]

Boyd Miller

2/27/15

¹ Unique citation designation number. ² See attached kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 2

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Application Number	09/718,604
Filing Date	11-20-2000
First Named Inventor	Goldston
Group Art Unit	
Examiner Name	
Attorney Docket Number	J1-9-03755-B-US

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
✓	A	5,933,811		Angles	08-03-1999	
✓	B	6,026,368		Brown	02-15-2000	
✓	C	5,504,675		Cragun	04-02-1996	
✓	D	5,761,662		Dasan	06-02-1998	
✓	E	5,717,923		Dedrick	02-10-1998	
✓	F	5,768,521		Dedrick	06-16-1998	
✓	G	5,794,210		Goldhaber	08-11-1998	
✓	H	5,717,860		Graber	02-10-1998	
✓	I	5,721,827		Logan	02-24-1998	
✓	J	5,948,061		Merriman	09-07-1999	
✓	K	6,085,229		Newman	07-04-2000	
✓	L	5,105,184		Pirani	04-14-1992	
✓	M	5,913,040		Rakavy	06-15-1999	
✓	N	5,918,014		Robinson	06-29-1999	
✓	O	5,636,346		Saxe	06-03-1997	
✓	P	5,740,549		Reilly	04-14-1998	
✓	Q	5,959,623		van Hoff	09-28-1999	
	R					
	S					
	T					

FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
✓	U	WO	98/35300		Ambrose	08-13-1998		
✓	V	WO	00/26800		Barnette	5-11-2000		
✓	W	WO	97/41673		Gerace	11-06-1997		
✓	X	WO	00/54201		Haitsuka	09-14-2000		
✓	Y	WO	00/75850		Haitsuka	12-14-2000		
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2/23/04

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First Named Inventor Goldston

Group Art Unit

Examiner Name

Attorney Docket Number J1-9-03755-B-US

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>J</i>		ARMSTRONG, WebWatcher: A Learning Apprentice for the World Wide Web, Information Seeking Assistant, School of Computer Science Carnegie Mellon University, 02-01-1995.	
<i>u</i>		BRAJNIK, A Shell for Developing Non-Monotonic User Modeling Systems, California Digital Library International Journal of Human-Computer Studies, vol.40, no.1, pp 31-62, 01/01/1994.	
<i>M</i>		LIEBERMAN, Letizia: An Agent that Assists Web Browsing, "M.I.T. Media-Lab, Cambridge, MA, 08/01/1995.	
<i>U</i>		LOEB, Architecting Personalized Delivery of Multimedia Information, ACM Digital Library - Communications of the ACM, Vol.35, No.12, pp 39-50, 12/01/1992.	
<i>a</i>		PAZZANI, Learning from hotlists and coldlists: Towards a WWW information filtering and seeking agent, Dept. Information & Computer Science, UC Irvine, 05/19/1998.	
<i>L</i>		RESNICK, GroupLens: An Open Architecture for Collaborative Filtering of Netnews, ACM Digital Library - MIT Center for Coord. Science & University of Minnesota, pp 175-182, 01/01/1994.	
<i>N</i>		SHARDANAND, Social Information Filtering: Algorithms for Automating Word of Mouth, M.I.T. Media-Lab, Cambridge, MA, 05/01/1995.	

Examiner
Signature*Steven C. Williams*Date
Considered*2/27/04*

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